

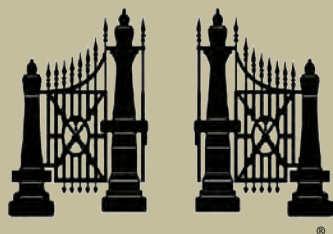


## Heavy Lifting

PAGE 10

**Cannon Gate  
Now 'L<sup>®</sup>ocked'**  
Trademark Grant Puts Bite  
on Potential Infringement

PAGE 5



## Tee Time

Lt. Col. Bosworth  
indulges golf passion  
at Barclays tournament

PAGE 8



# THE PICATINNY VOICE



Vol. 23 No. 17

<https://www.pica.army.mil/evoice>

Published in the interest of the Picatinny Arsenal, N.J., community

September 10, 2010

### Picatinny's 130th Birthday Album: Pages 6, 7

## Army recognizes Picatinny, Benet Labs engineers for their scientific advances

Picatinny Arsenal Public Affairs

Twenty-eight U.S. Army Armament Research Development and Engineering Center scientists and engineers were named Aug. 24 as recipients of the 2009 Army Research and Development Achievement Award for eight projects recognized for their significance.

The ARDEC personnel were named in a memorandum by the Deputy Assistant Secretary of the Army (Research and Technology), Marilyn Miller Freeman. In total, 41 projects from research and development organizations from across the Army were recognized.

"This award is reserved for significant military accomplishments in science and engineering," said ARDEC Director Gerardo Melendez. "Accomplishments like this are so ground-breaking that, for example, they establish a new scientific basis from which other developments will ensue. They materially improve the Army's technical capability, or they exhibit engineering leadership that advances important projects or efforts."

All award winners will receive an official plaque from the Department of the Army that will be presented by their organizations.

"Each of the personnel named in this award has contributed to the

See AWARDS, Page 3



Photo by Staff Sgt. Thaddius Dawkins

**STORMING THE BEACH --** U.S. Army soldiers ride in a zodiac boat and prepare to storm the beach at Mott Lake during their waterborne operations training Aug. 26 at Fort Bragg, N.C. The soldiers are assigned to Company F, 2nd Battalion, 82nd Combat Aviation Brigade.

## Joint-service teamwork yields savings, warfighter safety

BY TRACY ROBILLARD

Picatinny Public Affairs

Anyone familiar with the military's acquisition process knows it takes a huge team effort from people and organizations, both federal and private, to take an idea from concept to reality.

The recent success story at Picatinny to research and qualify a new, safer explosive to replace TNT is one example of how teamwork and collaboration can help provide a life-saving product to the warfighter as quickly as possible.

This new product, called IMX-101 (Insensitive Munitions Explosive 101), will be loaded into 155mm M795 projectiles for Army and Marines as early as next year, thanks to a massive team effort to expedite research and development.

"It normally takes four or five years to qualify a new round such as the M795 with a novel explosive like IMX-101, but this group of professionals did it in about 24 months," said Anthony Di Stasio, lead project officer with the Armament Research, Development and Engineering Center (ARDEC) here.

Charlie Patel, program management engineer with Project Manager, Combat Ammunition Systems (PM-CAS), agrees. "It was truly a joint-service effort. All the organizations involved helped us to accelerate the project so we could get it to the warfighter quicker."

The explosive was recently awarded first place in the new materials category of the 2010 Defense News Technology and Innovation Awards. Its developers were also recognized for the achievement (see page 3).

IMX-101 was selected from more than 80 nominations of products that came to market in the past year. The material was selected for its advancement in the



Photo by Timothy L. Rider

**Philip Samuels, chemical engineer (left) and Anthony Di Stasio, lead project officer (right), both members of the Armament Research, Development and Engineering Center, look at seven different fuze plugs designed by ARDEC to accommodate the IMX-101-loaded M795 projectile.**

field of ammunitions, cost savings and it benefits to the warfighter, according to Defense News.

The priority for developing this award-winning project was recognized from the top of the Department of Defense, start-

ing with the Office of the Secretary of Defense—Technology Transition Office, which listed the project as their number one priority program, Di Stasio said.

Other key contributors to the project include the Project Executive Office for Ammunition (PEO Ammo) and PM-CAS, as well as ARDEC, the Army Research Laboratory, BAE Corporation and the Joint Insensitive Munitions Technology Program (JIMTP).

"The teamwork on this effort was some of the best I have ever seen," said Patrick J. Baker, lead project officer for JIMTIP. "It shows what a diverse technical team that includes labs, centers, industry and PMs can accomplish."

Baker said JIMTP was strongly interested in the program because it had high potential for transition to the field because both the Army and Marine Corps were providing funding.

"Transitions are difficult and sometimes costly. The leveraging of dollars can really pay off in driving out risk and overcoming technical hurdles that are bound

See TEAMWORK, Page 3



**CALENDAR WATCH:** Sept. 22, Maj. Gen. Nickolas Justice, commanding general, Research, Development and Engineering Command. Superior Unit Award Ceremony / Town Hall. Lindner Conference Center, 9 a.m.



**Picatinny's Annual Haunted House**

**Oct 23<sup>rd</sup>, 29<sup>th</sup>, and 30<sup>th</sup>**

**Volunteers needed:**

Room sponsors	Actors
DJ's	Line Entertainers
Concession stand workers	Ticket sales
Face Painters	Grill masters

**Open to new Ideas!**

**Contact Arlene @ 973-724-5555 if you are interested in signing up!**

**All proceeds benefit the Teen Center, Unit Fund, and Civil Air Patrol.**

## Prizes tied to housing survey

The Annual Army Housing Survey time is approaching.

In a few weeks, family housing residents will be receiving the Residential Community Initiative Resident Satisfaction Survey

By completing and returning surveys, residents qualify for weekly drawings, the first to be held Sept.17.

Prizes include \$100 gift cards, a \$200 gift card, golf lessons, complimentary dinner for four, and much more. The survey deadline date is on or about Oct. 22, 2010

"We truly strive to exceed our resident's expectations and hope that every resident enjoyed their home and the services that we provided," said Dolores LaRosa,

community manager for Balfour Beatty Communities.

Residents can return surveys using the postage-paid envelopes provided, or they can simply take the survey to the Balfour Beatty Communities Management Office. Survey data is confidential and anonymous.

"The survey allows us to see where we are succeeding and where there is room for improvement," said LaRosa.

"It's important for residents to fill them out honestly."

In related news, housing units are available for retired military and Department of Defense civilians.

For rates and other information, call 973-328-2992.

## Services feedback requested

**To the Picatinny Community,**

The Garrison values your opinions and comments and we want to ensure that we provide you with the best services possible. We welcome you to visit the Picatinny Interactive Customer Evaluation (ICE) site on-line at [https://ice.disa.mil/index.cfm?fa=site&site\\_id=401](https://ice.disa.mil/index.cfm?fa=site&site_id=401) and provide your comments regarding our services.

During September, we ask that you focus comments on Religious Support and the Directorate of Public Works—although we encourage you to use ICE for all 50 of our services.

Religious Support: Our goal is to provide religious care on behalf of the ARDEC and Garrison Command to the active, reserve and retired military, their Family Members, and all employees serving at Picatinny Arsenal.

Directorate of Public Works: To include Environmental Services, Custodial Services, Refuse Collection, Turf Maintenance, Utilities, Facility Maintenance, Road Maintenance, and Snow Removal.

Customer comment cards for all Garrison services are available on-line 24/7. ICE can also be accessed through the Garrison homepage at <http://garrison.pica.army.mil/>.

**Donna Della-Badia**  
**Plans, Analysis and Integration Office**

Public Affairs Office

Attn: RDAR-AO, The Picatinny Voice, Bldg. 1

1 Ramsey Ave., Picatinny, NJ 07806-5000

(973) 724-6366, DSN 880-6366, e-mail [picavoice@conus.army.mil](mailto:picavoice@conus.army.mil)

## THE PICATINNY VOICE



This newspaper, The Picatinny Voice, is an authorized publication for members of the Department of Defense, Department of the Army, Picatinny, N.J., and the Joint Munitions and Lethality Life Cycle Management Command, part of Army Materiel Command. The appearance of advertising in this publication, including inserts or supplements, does not constitute endorsement by the Department of the Army or by North Jersey Community Newspapers of the products or services advertised. Everything advertised in this publication shall be made available for purchase, use or patronage without regard to race, color, religion, gender, national origin, age, marital status, physical handicap, political affiliation or any other nonmerit characteristic of the purchaser, user or patron. If a violation or rejection of this equal-opportunity policy by an advertiser is confirmed, the publisher shall refuse to print advertising from that source until the violation is corrected. The Picatinny Voice, circulation 5,000 copies, is an unofficial publication authorized by Army Regulation 360-1, created on desktop-publishing equipment. Editorial content is prepared, edited and provided by the Picatinny Public Affairs Office. All photos are U.S. Army unless otherwise stated. The Voice is published by North Jersey Community Newspapers, a private firm in no way connected with the Department of the Army, under exclusive written contract with ARDEC.

For matters about business, advertising and subscriptions, contact the printer, North Jersey Community Newspapers, 100 Commons Way, Rockaway, N.J., 07866 at (973) 586-8195/8197.

### Editor's Note

We want your story ideas. To reach us, please contact the editor at the Picatinny Public Affairs Office. All manuscripts, photos or artwork may not be returned without prior coordination. Digital images should be submitted at a resolution of at least 200 pixels per inch. Due to space limitations, the editor reserves the right to edit submitted articles. Contributions can be sent by e-mail to [picavoice@conus.army.mil](mailto:picavoice@conus.army.mil).

The editorial policy of The Picatinny Voice is to accept letters to the editor and commentaries. Submissions must be signed or received via e-mail through your own account to be considered for publication, but writer's names may be withheld upon request. Opinions expressed are those of each author and not an official expression of the Department of the Army or the Command. The PicatinnyVoice reserves the right to select, reject or edit letters and articles to meet space or propriety considerations.

**The Picatinny Voice Web address:**  
**<https://www.pica.army.mil/eVoice>**

Picatinny Commanding General.....**Brig. Gen. Jonathan A. Maddux**

Chief, Picatinny

Public Affairs Office .....**Peter J. Rowland**

Editor..... **Ed Lopez**

Public Affairs Specialist .....**Timothy Rider**

Public Affairs Specialist .....**Audra Calloway**

Public Affairs Specialist .....**Eric Kowal**

Public Affairs Specialist .....**Tracy Robillard**

Photographers.....**Todd Mozes, Erin Usawicz**



# Awards spotlight practical engineering prowess

Continued from Page 1

Army's mission in a big way," said Melendez. "Since all of the scientists in the Army Research Development and Engineering Command work as a community, all of the honorees will contribute to our nation, and even to what we do moving forward here at Picatinny, but I'm especially proud of the great showing from the ARDEC engineers named in this year's program."

Here is a list of the ARDEC teams and the accomplishments for which they have been recognized:

## Up-Armor:

**I-20 Expedient Materiel Solution Development for the Tactical Wheeled Vehicle Survivability Armor Technology Objective**

**The Team: Richard Fong, LaMar Thompson, Robert Koch**

Over four months, this Picatinny Arsenal team rapidly co-developed a solution under a joint effort with an international partner to many of the current and emerging threats faced by warfighters, including those posed by the deadly, hull-piercing devices known as explosively formed penetrators. Incorporating a technology known as multiple velocity reactive armor, as well as an ultra-high-strength composite material, the solution increases the survivability of many current wheeled vehicles by protecting key areas of the vehicle. At 40 percent the weight of state-of-the-art passive armor technology, the new technology was optimized to defeat a wide range of threats and was live-fire tested. The material solution was packaged into a modular kit design and successfully integrated onto a demonstrator platform.

## Deadly Drone:

**Lethal Unmanned Aerial System**

**The Team: Barry Schwartz, Lloyd Khuc, Velan Murali, Mark E. Wessel, Atmin Purohit**

This team from Picatinny Arsenal is developing an unmanned aerial system (UAS) that is man-portable and capable of delivering a warhead on target in an innovative way. Flown in a UAS, the payload can be flown remotely by an operator or along a course of pre-determined points programmed into a navigational computer. With its advanced Electronic Safe/Arm Device fuzes, the operator retains several options for remotely arming the drone's on-board explosive to detonate above ground or on target impact. Compared to typical artillery, the system provides a significant advantage because it provides a method of delivering a range of effects while significantly reducing the risk that the origin of the round can be determined by the enemy. While the team's goal is to develop a shoulder fired, tube-launched UAS, it has already demonstrated a system that can be launched from ground rails using compressed gas.

## Finding the Hidden Enemy Fighter:

**Dual Color Optical Retroscope**

**The Team: Paul Willson, V. Swaminathan, Gabriel Chan, Maj. Brian E Souhan, Deepak Bupathi**

This team of Picatinny Arsenal scientists and engineers performed research, development and testing of a tool for detecting optical elements such as telescopes, cameras, binoculars, and aiming devices, which are indicators of enemy positions and activities. If such optical elements can be reliably detected before a sniper fires or an improvised explosive device is set off, lives can be spared. With a unique combination of lenses, light sources, computers and software, the retroscope demonstrably performs initial classification of target types while reducing clutter and false warnings. A patent for the "Dual Color Retro-Reflection Sensing Device" was filed in June of 2009.

## Multipurpose Munition:

**The Advance Hardened Combined Effects Warhead for the Medium Range Munition**

**The Team: Jeffrey Kraft, David Pfau, Daniel Suarez**

Using cutting edge developments in high-rate computational analysis, this Picatinny Arsenal team has developed the hardened combined effects warhead. This new technology combines the heavy armor penetration ability of a shaped charge with a "bash-through" capability of a hardened warhead. These attributes combined into one munition maximizes effectiveness and performance against a wide range of targets, which in turn improves the overall effectiveness of the warfighter. It also reduces the mission planning and logistics burden, both of which decrease the long-term cost of maintaining munitions.

## Safer Munitions:

**Implementation of Reduced Sensitivity Explosives to Replace TNT and Composition B**

**The Team: Sanjeev Singh, Philip Samuels, Anthony DiStasio, Chandrak Patel**

The team of engineers from ARDEC and Program Executive Office for Ammunition created and followed through on a program to replace TNT and Composition B with a new class of explosives for use by Soldiers and Marines that is unlikely to explode if shot or hit by roadside bomb fragments during transportation or in storage.

The new class of explosives has recently been successfully tested and plans are in place to replace TNT and Composition B in most of the Army's artillery rounds used by U.S. troops.

The new explosive will significantly improve the warfighter's chances of surviving attacks or accidents while carrying the rounds and improves the reliability of supplies into combat areas.

## Green Detonator:

**NOL-130G: The First Lead-Free STAB Initiation Mixture**

**The Team: Neha Mehta, Karl D. Oyler, Gartung Cheng, Emily Cordaro**

This Picatinny Arsenal team developed NOL-130G, which is made with Triazine Triazide (TTA), a high-nitrogen organic compound designed to completely

replace the hazardous heavy metal compounds, lead azide and lead styphnate, in the initiating charge of the widely-used M55 detonator. Lead compounds are extremely toxic and difficult to remove from the environment.

This development arrives just in time, as the most widely used primary explosive, lead azide, is no longer produced in the U.S., meaning the military currently relies on a dwindling stockpile that will only last for three-to-five more years. This development can reduce the exposure of the warfighter to toxic, harmful substances and simultaneously helps to circumvent a difficult production issue. The formulation has been successfully tested.

## Explosively Forged:

**Explosive Bonding and Machining Technologies**

**The Team: Frank Campo, Mark Miller, William de Rosset**

This team of engineers - Campo and Miller from ARDEC's Benet Labs, Watervliet Arsenal, N.Y., and de Rosset from Army Research Laboratory, Aberdeen Proving Ground, Md., achieved what industry experts said could not be done.

They clad a tantalum-10 tungsten (Ta-10W) refractory metal liner onto the inside of a full-length gun bore with a progressive twist rifling pattern using explosive bonding. The new liner and bonding process will replace the conventional chrome plating of gun barrels that involves the biologically hazardous hexavalent chrome.

This allows the Army to be in compliance with a mandate from the Under Secretary of Defense to eliminate hexavalent chrome.

Their innovation enables current and future weapon systems to use higher energy propellants resulting in increased muzzle velocity. This provides warfighters an enormous increase in lethality when firing these weapons in the battlefield.

## Piezo Powered:

**Energy Harvesting Electronic Round Counter**

**The Team: Mark A. Johnson, Mark A. Doxbeck**

Since many gun and mortar tubes are removed from service after firing a pre-determined number of rounds, Soldiers have used paper cards to track the number of rounds fired.

These cards are sometimes lost, and no automated method of keeping track of the rounds fired has been developed.

This ARDEC team from Benet Labs, Watervliet Arsenal, N.Y., developed a system that takes advantage of advanced piezo-ceramic technology to capture enough of a charge from a round firing to activate a memory storage device that requires no batteries.

The device is currently being tested and improved to handle the range of environmental conditions faced by Soldiers.

A patent was awarded May 18, 2010 to Johnson and Andrew Littlefield, also of Benet Labs.

## Teamwork involved all military services

Continued from Page 1

to arise with any technology," Baker said.

The team tested the new explosive and rounds all over the country in 12 different states, working with partners from all branches of the military.

"We worked with installations and facilities from all services—it was a total team effort," said Philip Samuels, AR-

DEC chemical engineer. "We did tests at Air Force and Navy bases, as well as Army and Marines facilities. The drive to work together and finish the project was contagious."

Not only were the rounds tested at joint-service facilities, they were also designed with one-on-one collaboration with the warfighter.

"We've had Marine's with us every step of the way. If we changed anything, we consulted them first and got their feedback," Samuels said.

One example of how the team responded to customer needs is the development of a meltable fuze plug on the 155mm M795 artillery round.

The old plug was made of steel, but it did not meet all the insensitive munitions requirements.

"We needed a plug that could melt off when the explosive was heated, but the Marines really wanted us to keep the curved handle on it because they use it to grab the round when they load it in the field," Di Stasio said.

The team developed seven versions of the plug, each time going back to the users for their opinion.

"This was the least complicated piece to make in the project, but it's the one we redesigned the most times," Di Stasio said.

Despite all the challenges and obstacles, the team persevered.

"Being able to accomplish this in less than half the typical R&D cycle time is a tribute to the Joint-Service Integrated Product Team," Patel said.

## SUBMITTED BY FMWR

Armed Forces Vacation Club: Sometimes things that sound too good to be true are really just what is advertised!

This Army-sanctioned vacation club allows individuals to find resort accommodations at the bargain basement price of only \$349 per week if booked online and \$369 per week if you use the 800 telephone reservation number.

This is a space-available program, with resorts in all areas of the United States. Visit the website

www.afvclub.com to scout locations.

Call (800) 724-9988 to make a reservation. Remember to give the Picatinny Arsenal code of #132. This program is available for military, civilians and contractors.

Disney Tickets at the "Take Off"

# Community Recreation Branch



## Frog Falls Waterpark

Take Off Center, Building 34

(973) 724-4014 or 4186

Open 7:30 a.m. to 3:30 p.m.

Monday through Friday

### Center

Buying your Disney tickets before you head to Orlando, makes your vacation easier and you save money!

A sample of our Disney pricing:

- 4 Day Base Adult - \$228 (save \$19.08)
- 5 Day Hopper Adult - \$286 (save \$23.92)
- 6 Day Base Adult - \$238 (save \$19.73)
- 7 Day Hopper with Water Park Fun Adult - \$295 (save 25.57)

All of these tickets can be purchased at the "Take Off" Center. Some tickets we keep in stock; some have to be ordered and can take up to three weeks for delivery. So, plan ahead and purchase your tickets right here at Picatinny

Bronx Zoo, Bronx, N.Y.: Pay-one-price tickets available. Cost is \$22 for adults and \$16 for children 3-12.

This ticket is a one-price ticket that gives access to the zoo, as well as the Congo Gorilla Forest, Children's Zoo, Butterfly Garden, Monorail, Zucker Bug Carousel and the zoo shuttle.

Hudson River Cruise & Outlet Shopping - Saturday, 9 October - Depart at 8:30 a.m. and travel to the Woodbury Commons Shopping Outlets. Three hours of free time for shopping. Lunch is on your own. Then continue up the Hudson to the town of Kingston and board the Rip Van Winkle for a two-hour cruise on the Hudson. Enjoy the breathtaking scenery and the autumn colors. \$42/person.

Busch Gardens, Williamsburg,

Va. Summer special for all military and DOD customers. The cost of the ticket is now only \$41 per person. Same pricing for adults and children.

Morey's Piers, Wildwood, N.J.: Combo Water Park and Amusement Pier.

Ticket is perforated; can use water park one day and amusement pier another day or choose to do both on the same day. Cost is \$40 for adults and \$32 for children less than 48" tall.

Sesa.m.e Place - Langhorne, Pa., - One day ticket - \$49 (everyone 2 and older pay the same price). Enjoy the fun of Elmo and the Sesa.m.e Place characters!

Saturday, 11 SEPT - Join us for a new trip! We leave at 9A.m. and travel to Orange County, NY, to the Storm King Arts Center. This is a 500 acre sculpture garden and we will be given a decent guided tour. After departing the Arts Center, we travel to nearby Central Valley to the Gasho Steakhouse for a wonderful Hibachi Chicken & Steak Combination luncheon adventure. The cost of the trip is only \$53 a person.

Army vs. Rutgers Football

Saturday, Oct. 16 at the NEW Giants Stadium at the Meadowlands Lower level seats are \$65, upper level seats \$55. No transportation is included. Actual seat location is not available ahead of time.

Tickets must be paid for when you make your reservation. We will then order from the Army ticket office and the tickets will be available for pick up around 1 Oct. You will be e-mailed when the tickets arrive.

You can stop by the "Take Off" Center in Bldg 34 from M-F, 0730 to 1530 to order your tickets. We accept cash, check, MasterCard or Visa. You can call also 973-724-4014.

## 2011 ENTERTAINMENT BOOKS

These coupons books are now available. They are valid from day of purchase til 1 Nov. 2011; you can get 13 months of usage! Books cost \$30 each and we have the Morris/Sussex edition, the Bergen/Passaic edition and the Essex/Union edition. The book includes the popular Shop-Rite coupons again. Check out some of the local restaurants: Charlotte's Web, Muldoons, Marakesh, Anna Marie's and Hot Rods. Try fast foods at Burger King, McDonalds or Dominos. Stop by the office and browse through the book.

NEW! Hudson River Cruise and Woodbury Commons Shopping - Saturday, October 9 - Depart the Arsenal at 8:30 a.m. and travel to Woodbury Commons. Here you will have 3 hours of free time for shopping and lunch (on your own). Then reboard the bus and travel to Kingston, N.Y., for a two-hour Hudson River Cruise on the Rip Van Winkle. The cost is \$42/person. Our return at the Arsenal will be at 6:30 p.m. This trip goes rain or shine.

Sign Up now Open for Holiday Trips:

Radio City Christmas Spectacular - Two dates to choose from: Sunday, 21 November or Tuesday, 21 December. \$94/person for charter bus transportation, Orchestra/1st Mezz seating and 3 hours of free time in the City for sight seeing. Trips depart at 11:15 a.m. and return at Picatinny around 8 p.m.

Mohegan Sun Casino and "Cratchit's Christmas" at the Cornerstone Theatre - \$80/person - Trip is jam-packed with fun including 3 1/2 hours at the Mohegan Sun with a free buffet coupon and a \$15 free bet coupon. Shopping time at Olde Mystic Village, followed by the theatre production of "Cratchit's Christmas". You get a snack pack meal for the bus ride home. Bus leaves Picatinny at 7:15 a.m. and returns around 9:15 p.m.

New York City Lights Bus Trip - Little Italy and Rockefeller Center - Two dates: Thursday, 9 December or Wednesday, 15 December. We depart at 1:15 p.m. and return around 10 p.m. Two hours in Little Italy for shopping and a late lunch (on your own) and then 2 1/2 hours in Midtown for the sights around Rockefeller Center. Enjoy the Christmas Tree, the ice skaters and the decorations along Fifth Avenue. \$25/person.

# PRINTING



Providing print services to the government for more than 25 years

**973.366.6676**

fax 973.366.3226

info@thegraphiccenter.com

Visa & MasterCard

**Business Cards  
Brochures  
Graphic Design  
Forms  
Blueprints  
Blackprints  
Signs & Banners  
Manuals  
Stationery, and more...**  
**Free Pickup & Delivery**



**THE GRAPHIC CENTER**  
COMMERCIAL PRINTERS  
73 Bassett Highway • Dover

00029020202-01

**Under New  
Ownership**

**Under New  
Management**

## Minuteman II Limousine and Car Service

**973-252-7662 • Toll Free 888-767-7662**

**Transportation to all major Airports**

JFK, LaGuardia, Newark, Teterboro, White Plains, Morristown and more!

**New Vehicles added to our Fleet:** 6, 8, 10 Passenger Stretches

- 14 Passenger Ford Excursion SUV • 15 Passenger Van

All current vehicles will be upgraded to newer models

**Our drivers and our vehicles are registered  
to service Picatinny Arsenal**

### COMPUTERIZED DISPATCHING

Account information kept on file, emailed confirmations and/or receipts, previous reservations looked up and

**coming soon...Online reservations**



Fully Insured

All Major Credit Cards Accepted

- Weddings • Proms
- Nights on the town
- Trips to NYC • Theaters
- Sporting Events
- Long Distance Trips  
AND MORE

0002704359-01

## Kick tires, open hoods at new vehicle resale lot

Active duty military members and Department of Defense civilians now have an additional outlet to sell cars, trucks, recreational vehicles, motorcycles or boats.

A new vehicle resale lot is opening near the gas pumps at the corner of Farley Avenue and Reilly Road.

Six lanes will be available for active duty military and three for civilians and on-post contractors.

Insured and inspected vehicles can be placed at the new lot for up to 30 days.

The cost is \$10 for civilians. There is no charge for active duty military members.

For more information, or to sign up for a space on the lot, contact Leisure Travel Services at extension 4041.

The new lot is made available through the office of Family, Morale, Welfare and Recreation.



# Iconic Cannon Gate symbol gets legal protection

BY TRACY ROBILLARD  
Picatinny Public Affairs

Earlier this summer, the Public Affairs office received a request from a private company to use the Picatinny Cannon Gate logo on its brochures and other trade show materials.

While the logo might attract potential customers, such use is also a serious violation of Picatinny Arsenal's legal trademark rights.

Though many people may copy images and logos from the Internet, they may be unaware of the rules regarding trademarked items like Picatinny's Cannon Gate.

"All U.S. Army logos, including the Cannon Gate logo, are trademarks of the U.S. Army, and their use is strictly limited to Army purposes," said Henry S. Goldfine, Picatinny patent attorney. "The Army objects to any commercial use of its trademarks without the express approval of the Army – regardless of the products or organization associated with the use."

A trademark identifies the provider of a particular good or service. Essentially, it's a "badge of origin" that lets the public know who or what organization originated a product or service.

Picatinny's badge of origin, commonly known as a black, wrought-iron gate with cannon posts, received a national trademark from the United States Patent and

Trademark Office (USPTO) on Aug. 24, 2010.

Under the USPTO registration, Picatinny and the U.S. Army have sole ownership rights to the Cannon Gate trademark, as well as the right to seek an injunction in court to halt infringement of the trademark.

Securing the official trademark for the Cannon Gate, which took nearly two years, was quite a feat for Picatinny's legal team.

"On average, it takes about a year to a year and a half to get a trademark, though it can take up to three or four years," Goldfine said. "We spent a lot of time researching the first interstate commercial use of the Cannon Gate logo, which is one of the items you must include in all trademark applications."

Finding the first commercial use required the help of Patrick Owens, a historian with the Armament Research, Development and Engineering Center.

The Cannon Gate has a long history at Picatinny, where it has stood at what used to be the main entrance to the arsenal since 1885. The gate has four, 8-inch Columbiad cannons topped with four cannon balls. The Ordnance seal appears in the center of both doors.

Through many Internet searches and physical hunts through Picatinny's historical library, the team discovered that



**The symbol above was recently approved for trademark protection. To see a photo of the actual gate taken in 1941, turn to page 7.**

the Cannon Gate was manufactured by the Cornell Iron Works of New York City in 1885. But evidence of the gate symbol to represent the arsenal was first found for June of 1989.

"The gate really has not been an official logo until the granting of this trademark," Owens said. "In fact, back in 1980, the installation considered using the forge monument by Building 151 as its logo. That idea did not stick."

But in 1989, the ARDEC historical office began using the Cannon Gate symbol to decorate annual historical reports. Shortly afterward, the gate started to appear on organizational signs in front of key buildings, Owens said.

While the gate has not been locked since World War I, the symbolism it represents is now "locked" in the public record, as the USPTO documented the Cannon Gate as a symbol for providing research, development and engineering services for advanced military weapons

systems and military munitions.

The Cannon Gate can only be used in an official, authorized capacity by the owner. Using Picatinny's Cannon Gate logo for non-Army use might confuse consumers into believing the Army or Picatinny has approved, endorsed, tested or safety-certified the product. The appearance of a commercial endorsement is prohibited.

"Any use of a local Picatinny Arsenal trademark must be appropriate to Picatinny's mission, and indicative of the high-quality standards represented in Picatinny's products and services," Goldfine said.

The Registered Trademark Symbol "®" – sometimes called Circle-R – should be included on all promotional or marketing materials featuring the Cannon Gate, such as ads, flyers, Web sites, publications, etc.

Picatinny is incorporating the trademarked symbol on its Web sites and publications, but everyone should know the policy, Goldfine said. Use of the Cannon Gate trademark must be approved by a directorate leader, or if its use implies Picatinny as a whole, approval from Public Affairs. Moreover, it must always be approved by a Picatinny intellectual property attorney. Henry Goldfine can be reached at [henry.goldfine@conus.army.mil](mailto:henry.goldfine@conus.army.mil).



**Make Yourself at Home®**

## HOMESWOOD SUITES BY HILTON® DOVER/ROCKAWAY

2 Commerce Center Drive • Dover, NJ 07801

973-989-8899 • Fax: 973-989-8898

[doverrockaway.homewoodsuites.com](http://doverrockaway.homewoodsuites.com)

~Hilton HHonors Earning Points & Miles~

**GOVERNMENT EMPLOYEES: STRETCH YOUR  
PER DIEM DOLLARS AND FEEL AT HOME!**

### Amenities:

-  Spacious Studio, 1 Bedroom and 2 Bedroom Suites Available
-  Fully equipped Kitchens w/microwave, range top stove & refrigerator
-  Complimentary wireless/wired high-speed Internet access in all suites
-  Complimentary Suite Start™ Hot Breakfast buffet served each morning
-  Complimentary Welcome Home® Reception served Monday through Thursday
-  24-hour convenience shop and grocery shopping service available
-  Indoor heated swimming pool & On-Site Fitness Center and Outdoor Sports Court
-  Minutes away from Dover Train Station
-  Off of I-80 Heading West: Exit 35A • Heading East: Exit 35

**NOW OPEN!**

**Your Perfect Second Home.®**





## Looking Back ... At Picatinny

# Picatinny reaches 130th birthday

### *After 1926 explosion, installation literally rose from the rubble*

BY PATRICK J. OWENS  
ARDEC Historian

Monday, Sept. 6, was not just Labor Day. It was also the 130th anniversary of the founding of the installation, which gives us the opportunity to labor.

In 1866, the United States Army decided it needed a large black powder storage facility near the Atlantic Coast.

Moving with all deliberate speed, it opened the Dover Powder Depot fourteen years later, on Sept. 6, 1880.

Four days later, because the installation was not in Dover, the name changed to Picatinny Powder Depot. The second "c" soon disappeared, and the Picatinny spelling prevailed for the remainder of the base's 130 years and should last as long as the installation does.

Even when the base used other names, Picatinny survived as its freight and postal addresses.

Storing powder may seem a quiet and staid occupation, but the depot was a very active place.

First, there was the continuing construction of magazines, rail road lines, and housing for the workers.

Then, there were the workers who not only loaded and unloaded kegs but were constantly cutting brush and grass to prevent fires near the explosives.

In 1880, a general laborer could earn as much \$1.25 a day, a skilled stonemason \$2.25.

Later, the work would expand to loading shells and making powder. With the powder factory, the base began employing scientists and engineers.

After World War I, it added research and development on large-caliber munitions to its mission and began employing large numbers of specialized workers.

By World War II, a chemist could earn \$2,600 a year.

In the past 130 years, at least 56 Picatinnyans have died in the line of duty.

Still, they keep going.

The place which started out as a mere storage depot, has evolved so that it now has a hand in developing every Army item that goes boom!



The explosion at Lake Denmark Naval Ammunition Depot on July 10, 1926 leveled much of Picatinny, as shown here. The initial appropriation for rebuilding the arsenal was \$3 million.



The Navy tested rockets, including the X-1 rocket plane which broke the sound barrier, here from 1946 to 1960. Then, Picatinny took over the facility and continued rocket testing until 1972. Shown here is Test Area D, one of five such areas. Its remnants are still on Snake Hill Road.

Immediately after opening, Picatinny started construction of Magazine #1 in 1880 and finished it in 1882. Now building 307, the structure has had many uses, most recently as an engineer's shop, and is now undergoing remodeling as a home for advanced plastics research.





# 56 employees have died in the line of duty



The Army built its smokeless powder factory here in 1907. This 1919 photo shows the part of the dehydrating operation in the original factory in the present 500 area. When the 1926 explosion destroyed it, Picatinny built a replacement in the 400 area. It stayed in operation until the 1977.



Erected in 1885, the Cannon Gate was at the original south boundary of the installation and was the main entrance until the arsenal purchased the land between it and Route 15 in 1941. This photo dates from just before the change in boundaries.



This 1953 photo of the float Picatinny displayed at local parades and events shows key projects of the mid-20th Century.

Turn to page 8  
for a photo of  
the 130th **birthday**  
**cake** cutting



World War II saw women, previously confined to secretarial work and sewing powder bags, move into all types of work on base. It also saw the first noticeable contingent of African-American employees. This April 1945 photo of activity in the Metal Components Branch would have looked very different just a couple of years earlier.



This flagpole stands at the intersection of what was Mount Hope and Mount Pleasant roads, now Farley Avenue and Parker Road. The land behind it is now the site of building 151, constructed in 1929 to replace the administration building destroyed in the 1926 explosion.



# Picatinny's rich legacy, future contributions cited at birthday celebration

BY TRACY ROBILLARD  
Picatinny Public Affairs

Picatinny leaders and employees, along with Rep. Rodney Frelinghuysen of New Jersey's 11th District, gathered at the on-post cafeteria Sept. 7 for a cake-cutting ceremony to mark the 130th birthday of the U.S. Army's Picatinny Arsenal.

"Today is a great day for Team Picatinny, because today we get to celebrate a place of tremendous historical significance, a place where many generations of dedicated people made it the home of American firepower," said Gerardo Melendez, director of the Armament Research Development and Engineering Center (ARDEC), the largest tenant organization here.

As early as the mid 1700s, the location was a privately-owned forge that provided armaments to the U.S. continental Army. The arsenal was officially established Sept. 6, 1880, when the War Department issued a special

order naming the "Dover Powder Depot" on the 1,866 acres it had purchased from various landowners.

Four days later, the site was renamed the Picatinny Powder Depot. In 1907, the site became Picatinny Arsenal, which now spans nearly 6,500 acres and employs a team of nearly 5,000 military, civilian and contractor employees.

"Our predecessors were there for our nation's warfighters during times of war, just as we are at present," said Brig. Gen. Jonathan Maddux, Picatinny commanding general. "Many exceptional achievements which helped men and women in uniform defend our way of life occurred right here at Picatinny. Today is a celebration of the great Picatinny workforce of the past and the exceptional workforce of the present."

Though it is a U.S. Army installation, Picatinny has grown to become a joint-service facility, supporting all branches of the



Photo by Erin Usawicz

Picatinny Arsenal celebrated its 130-year birthday with a cake cutting ceremony Sept. 7, 2010. Team members cutting the cake are (from left): Dr. Gerardo Melendez, director of the Armament Research, Development and Engineering Center; Brig. Gen. Jonathan Maddux, Picatinny commanding general; Carlo Defranco, mechanical engineer who is Picatinny's longest-employed team member with 60 years; Michelle Malham, materials engineer who designed the cake; Maxim Savransky, mechanical engineer who is Picatinny's newest employee, and Congressman Rodney Frelinghuysen.

U.S. military.

Frelinghuysen also spoke at the ceremony. "This is the home of American Firepower, and I'm proud to represent it and to represent all of you," he told the crowd.

"...When our young people go to war, whether it be in Afghanistan or Iraq, they have a piece of Picatinny Arsenal in their hand, and we want to make sure that piece protects them, and continues to protect us."

Picatinny's birthday cake was prepared by ARDEC engineer Michelle Malham, who recently

tried out for the reality television series, "Cake Boss."

Helping to cut the cake was the longest-employed Picatinny team member, Carlo Defranco, mechanical engineer, with nearly 60 years of service. Picatinny's newest employee, Maxim Savransky, mechanical engineer, also assisted with the cake cutting.

# MOVING?

## Home Sale and Purchase Assistance

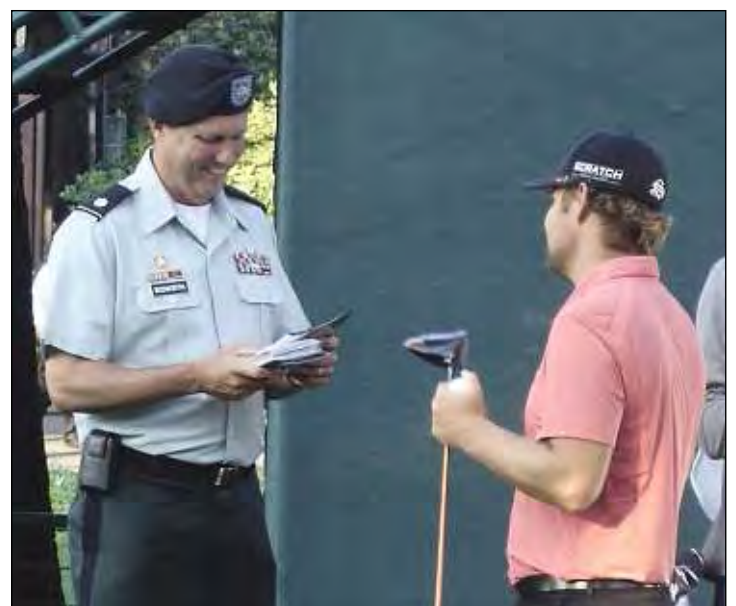
### Local, National and International

# MILITARY & CIVILIAN

# RELOCATION SPECIALISTS



**Douglas Radford ~ Director Relocation**  
973-214-9314 (Direct) ~ 866-742-5732 (Toll Free)  
DougRadford@RealtyExecutives.com  
www.RealtyExecutivesNJ.com



Courtesy Photo/PGA

Lt. Col. Brian Bosworth shares a light moment with golfer Ryan Moore during the recent Barclays tournament.

TEE TIME -- Lt. Col. Brian Bosworth, Director of the Munitions Engineering and Technology Center, recently stepped out of character to act as tee announcer and caddy Aug. 26 during the Barclays pro-am tournament at the Ridgewood Country Club in Paramus, N.J.

Bosworth caddied one hole for Phil Mickelson, who was competing in the first event of the PGA tour playoffs for the FedExCup.

The colonel, who has a 14-handicap, was one of six active-duty military members invited to work as caddies for one hole during the pro-am.



# PM MAS says goodbye to organizational leaders

BY JACK CROWLEY  
Special to the Voice

Employees of the Office of the Project Manager Maneuver Ammunition Systems (PM MAS) bade farewell to many of their leaders throughout the summer months.

The organizational changes began in May as friends and colleagues said goodbye to four majors during a farewell and awards presentation at The Cannon Gates Catering and Conference Center.

Maj. Todd Masternak, former Assistant Product Director for Non-Standard Ammunition, left Picatinny and is now residing in the area as he finishes his Master of Science in Systems Engineering from Stevens Institute.

Maj. Paul Alessio has assumed Masternak's former position as the Assistant Product Director for Non-Standard Ammunition.

Former Assistant Product Manager for Small Caliber Ammunition, Maj. Drew Lunoff, is attending the University of Texas in San Antonio.

Maj. Mark Meeker, former Assistant Product Manager for Medium Caliber Ammunition, is at the Navy Postgraduate School in Monterey, Calif.

Former Assistant Product Manager for Large Caliber Am-



Deputy PEO Ammunition Jim Shields (center) joins departing Maneuver Ammo Majors (left to right) Todd Masternak, Patrick Baker, Drew Lunoff and Mark Meeker during their farewell celebration at the Cannon Club. (Courtesy Photo)

munition, Maj. Patrick Baker, left Picatinny in mid-July for a follow on assignment with the Operational Test Command at Fort Hood, Texas.

## Changes of Management

On June 30 PM MAS Deputy Project Manager William Sanville hosted the Change of Management ceremony for Large Caliber Ammunition, during which Lt. Col. Kenneth L. Robertson passed the Large Caliber Ammunition guidon and charter responsibilities to Lt. Col. Martin A. Zybura.

During an awards ceremony that preceded the management change, Robertson was awarded the Meritorious Service Medal for his service and leadership, and his wife, Chrystal, was presented with the Commander's

Award for Public Service for her many activities in support of Picatinny's Army families.

Robertson and his family have relocated to Maryland, where Robertson is now stationed at Harry Diamond National Laboratory.

During a retirement ceremony, Lt. Col. Christopher Seacord, Product Manager for Medium Caliber Ammunition, was presented with the Legion of Merit

in recognition of his superlative performance of duty both in his present assignment and throughout his distinguished 22-year career.

Sanville said that during Seacord's tenure at PM MAS, he successfully executed an annual budget of more than \$600 million, delivering more than 40 million rounds of ammunition per year to our forces.

His portfolio included 40 different ammunition products of 20 mm, 25 mm, 30 mm and 40

mm grenade calibers. Seacord will remain at Picatinny as an Army Acquisition Corps civilian.

## Project Manager Changes

The culmination of organizational changes occurred on July 28.

Col. Danny A. Wiley assumed management of PM MAS from incumbent Chris Grassano, who is now the Program Executive Officer Ammunition Chief of Staff.



ARLINGTON MACHINE AND TOOL CO.

## GOVERNMENT CONTRACT SALES

Wanted ex- Picatinny employee with experience and contacts in Engineering, Quality, and Contracting of Machined Parts and Assemblies.  
Ideal Individual will be able to help this WOSB, SDB CNC Machine Shop with 90 CNC's and AS9100 obtain additional Defense Contracts from Picatinny.  
Background in manufacturing in Estimating and machining a plus.  
Experience with all of the tools to search for Military contracts ProcNet, Lam Links or other systems to find bidding opportunities.  
Contracting Experience with Picatinny, TACOM, Rock Island, etc.  
EOE /AAP  
Arlington Machine, amthr2@gmail.com, 973-276-1377 • Ask for John J. 0002922523-01

## Army using search and rescue dogs to 'sniff out' survivors

ARMY NEWS SERVICE

A new pilot program enhances the life-saving capabilities of the Army's only rescue-focused unit by adding a few extra noses to the team.

The Urban Search and Rescue dog pilot program, which was specifically designed to augment the 911th Engineering Company, employs the natural scent-tracking capabilities of canines to find survivors in the event of a catastrophe.

The 911th, based out of Fort Belvoir, Va., is a unique, quick-reaction tactical rescue unit poised to respond to natural disasters or attacks to the nation's capital.

The unit, which was renamed for the role it played in extracting victims from the Pentagon on Sept. 11, 2001, trains year-round in saving victims from confined spaces, collapsed buildings, crumpled vehicles, mines, tunnels and high elevations.

Finding injured survivors under mounds of rubble or in hard-to-reach spaces is a challenge. Adding the canine, human scent-detection may help find victims quicker and as a result save lives.

"The dogs can go over the zones much faster than we can, and they can point out to us where survivors may be," said 1st Sgt. Alexander H. Robles. "When a structure collapses, you have very small confined spaces, but spaces that are large enough for someone to survive in. Those spaces are extremely hard to search."

"Dogs are a force multiplier," said David Reiter, the canine program manager. "The sky is the limit on what you can teach a dog—you just have to harness that capability."

## ONLINE EDUCATION AT ITS BEST

*Your success is our mission.*



Jones International University (JIU®) is dedicated to meeting the needs of service members seeking promotion, job enhancement, personal fulfillment or post-military employment. We make it simple for you to earn a degree—from home or while abroad.

### MILITARY FRIENDLY COLLEGE

- Ⓢ Top Military Friendly University—recognized by Military Advanced Education, GI Jobs and AllMilitary.com.
- Ⓢ Flexible student policies—accommodate work, duty and mobility requirements.

### AFFORDABLE EDUCATION

- Ⓢ Reduced undergraduate tuition—military tuition assistance rates.
- Ⓢ 20% graduate tuition scholarship—graduate scholarships for military personnel and their dependents.
- Ⓢ Military Undergrad Book Program

### TOP TEN ONLINE UNIVERSITY

- Ⓢ Top 10 Online University—by The Best and Worst in Online Degree Programs.
- Ⓢ Top 20 Online MBA—by CEO Magazine in 2009.



**MAP**  
MILITARY ADVANCEMENT PROGRAM

- ✓ Up-front tuition assistance through GoArmyEd
- ✓ Servicemember Opportunity College
- ✓ Army ConAP partner



**JONES INTERNATIONAL UNIVERSITY®**  
866.427.1311 • [www.jiumilitary.com](http://www.jiumilitary.com)

Photos courtesy of Department of Defense



# Desire for measurable goal makes trainer a winner

BY MARK SANCHEZ

Special to The Picatinny Voice

Kelli Falotico, a recreation specialist at Picatinny, has known little about women's powerlifting.

In a relatively short period, however, she has picked up more knowledge along with state-wide recognition for her commitment to powerlifting.

On July 31, Falotico won first place in the state for the women's bench press at the New Jersey State's Women's Powerlifting Competition in Princeton, N.J.

She won the Champion of Champion's Award and the Raw Division Champion of Champions Award.

She briefly considered qualifying for the national championship. "I think in December there's a qualifying round for Nationals. I could be wrong about that. I only got into the sport like two months ago."

Powerlifting is a sport with

three separate events: the bench press (lifting a barbell from the chest while lying flat), the squat (standing tall, bending at the knees, and returning to the standing position with a barbell on the upper back), and the deadlift (lifting a barbell from the ground). Because of her beginner status in the sport, she only entered the bench press competition, but left with a state title.

The certified trainer has been lifting weights since she was a freshman in college, but she never considered powerlifting until a few months ago when she met her current coach, James Benemerito. She's been training with him at the Elite Tactical Mixed Martial Arts School in Mount Olive three times a week ever since.

Falotico, a member of the Forge fitness staff, has always been conscious of health and strength, but never considered

lifting competitively. Then she began to feel a sort of void in lifting. She was not reaching any goals.

"I just wanted to see my hard work pay off," she said. "Everyone said 'You should just try it.' And I said, 'OK, I'll try powerlifting' because the body building wasn't really paying off. I wasn't hitting any goals."

"Before I had no motivation to train. It was like, why am I doing this? I wanted to enter a competition or something to give myself a goal to reach, rather than train for health. I do that anyway, so I may as well take it another step and enter something. Try to win something."

After only one contest, the competitive nature of sanctioned weight lifting thrilled Falotico.

"There were a lot of people there, it was really cool. It's one of those things where everyone wants the lifter to lift as much as they can, so everyone cheers. It was awesome. It was cool having all eyes on me."

During the competition she benched an increasing amount of weight with each lift.

"You have three chances, I used all three tries. You start at one weight – I started at 135 pounds. Then I lifted 148. My third lift was 159.7. There was one other girl who had a chance to do my weight, but she couldn't do it."

With her final lift of 159.7 pounds, Falotico earned a Champion of Champion's Award and the Raw Division Champion of Champion's Award. Thus, two months after beginning serious powerlifting training, she became a state champion.



Photo by Erin Usawicz

**Kelli Falotico decided that weight lifting by itself was not satisfying without a specific goal.**

"It feels awesome," she said. "But I can definitely go further. I want to be number one in all three events. I want to go national."

The recreation specialist plans to enter a "Push/Pull" competition on Oct. 22. It consists of both bench press and the deadlift.

After mastering these, she intends to enter all three events of powerlifting by adding the squat to her repertoire. She has always felt a competitive edge, and powerlifting is giving her its latest outlet.

"It's been self motivation. I've always wanted to be better and stronger and faster. If guys can

do it then girls can, too," she added.

Falotico's unconventional method of staying competitive has been supported by the installation.

"Picatinny has been great," she explained. "The general (Maddux) said 'Good job.' My bosses have said 'Good job.' Everyone's been supportive, they've loved it."

For anyone else interested in powertraining, or any endeavor, Falotico has advice.

"If you put your mind to it, go for it. You can do it. You just have to train and have a reason to do what you do. And you have to love doing it."

## Senior Manager, Business Development

### ATK Field Office, Picatinny Arsenal, NJ

Provide Business Development support to ATK's Armament Systems Group, Missile Products Group, and Aerospace Systems Group; Develop, maintain and expand positive relationships with the Picatinny customer community; Interact with high-level ATK executive management teams and senior Government officials; Provide input to ATK's overall Business Development strategy; Conduct market/competitive analysis; Assist in resolving customer/program issues.

#### Required qualifications include:

- Knowledge of Picatinny Arsenal customer base; including PEO/PM/ARDEC structure.
- Superior interpersonal and communication skills.
- Knowledge and experience in the defense industry, Department of Defense (DoD) Systems Acquisition Process, and Government Budget Process is required; previous military and/or Government experience is preferred.
- 5-10 years experience in related field is required; specific Business Development experience in the defense industry is preferred.
- Bachelor's degree required; Master's preferred.
- Must be able to qualify for DoD SECRET security clearance.

Interested candidates should apply online at [www.atk.com](http://www.atk.com) Keyword: CME20100408-21109



A Premier Aerospace and Defense company  
ATK is an equal employment opportunity employer



Photo by Todd Mozes

Engineers and contractors with the U.S. Army Corps of Engineers Huntsville District inspect an abandoned building Aug. 19 (BLDG 1186) at Picatinny Arsenal as part of the Defense Environmental Restoration Program. The team evaluated 101 old facilities on post to develop a scope of work for decontaminating each building. Because many of these structures contain explosive materials and other hazards, they must be properly remediated before they can be demolished safely. Picatinny plans to award the decontamination contract by the end of this fiscal year.



## SERVICES

### HOME: Carpentry/Constr

#### All Repairs Bth Bsmt

Kits, decks, add'ns Lic #13VH02328000  
Louie 973-927-9523 / 973-479-0377

### HOME: Carpet

#### CARPET CLEANING

LIKE NEW! \$20 Per room & up.  
CALL HYDRO-WASH, 973-960-0508.

### HOME: Child Care

**TLC Childcare ...973-563-5437**  
A nurturing environment w/Pre-School Learning. Sign up NOW, receive 1st wk free

### HOME: Cleaning

#### 2 AFFORDABLE

Brazilian Best Cleaning Home/Off. Same person always, Ref, Transp. **201-654-2299**

#### Absolutely Clean

Exp Polish Lady, House/Offc 201.681.6170

**Anna's House Cleaning Srvc**

Dependable Refs Free Est. 973-588-7065

#### ABLE PRO CLEANING

Excellent Ref's, Free Est. 973-449-6307

#### HOME PRO CLEANING

Excellent Ref's, Free Est. 973-449-6307

#### POLISH FAMILY

CLEANING SERVICE (973) 770-0839

### HOME: Clean Up & Hauling

#### IT'S TIME!

*To get rid of your unwanted furniture and household items. We clean out and haul away anything from your attic, basement, garage, etc.*

Call Chicelo at  
**973-228-7928**  
or **973-325-2713**

#### 973.340.7454 Rick's Cleanouts

We'll remove furn, rubbish, applcs, scrap metal, construct debris. Same Day Srvc. CHEAP DUMPSTERS - 15 & 20 cubic yard!

A.M. & Sons: bsmnts, garages

Yards, Pools, Etc. Demo Pro's. Low Rates!

Free Est! Lic #13VH04385300  
973-296-9833 / 201-697-2409

### HOME: Decks

#### DeckRemodelers.com

Award Winning Decks. 877-332-5350

#### TheDeckMedic.com

Wash, Seal, Repair Free Est. 1-888-706-3342

### HOME: Driveways

#### Asphalt Maintenance Inc.

Driveways & Parking Lots

Paving • Sealing • Patches  
Pavers • Curbs • Retaining Walls  
FREE EST • RESID/COMM

**973-299-9226**

#### EXCELSIOR PAVING INC

PAVING - MASONRY - ALL TYPES.  
Repairs-Sealing-Belgium Block. Free est.  
\$100 off jobs over \$1000. Sr Discount.  
973-418-5705 / 732-295-0795

### HOME: Electrical

#### TRASENTE ELECTRIC, INC.

ADDITIONS, SERVICE, UPGRADES, ETC.

*"For All Your Electrical Needs"*

Free Estimates • Reasonable Rates

**973-442-9847**

Fully Insured & Bonded - Lic. 12741

#### Arnco Electric, LLC

Residential/Commercial/Industrial

Fully Insured/Bonded. Reasonable Rates.

Lic #16458. Call Chris

**973-784-3720**

#### Cheapie Electric

As Good As The Best For Less \$\$.

30+ yrs exp. com'l, ind'l, Res'l.

Fully Insured & Guaranteed. Lic# 5406.

**Carol or Mike 973-625-9510**

#### SK ELECTRICAL

No Job Too Small

We take pride in our work

**973-989-1119**

Lic# 7074A Randolph

**KB Electric.lic 11421**

Calls ansrd immed -10%OFF! 973-800-5511

### HOME: General

#### Hip Replacement

Problem? Pain, mobility loss from hip surgery with Zimmer Durom Cup, Depuy ASR/XL. Receive minimum \$50,000 com -

pensation or no fee. FREE Consultation

1-888-528-8072

### HOME: Gutters

#### Gutters

Cleaned & Flushed

Repairs & Installation • Screening

Tree Trimming & Removal

**Bill's Gutter Service**

**973-226-2840**

### HOME: Handyperson

#### AFFORDABLE, RELIABLE & PROF'L

All int/ext work. 30 Yrs Exp. For

someone who cares Glen 973-356-5035

#### Home Improvement

License, Insured, Free Est. 973-960-2147

### HOME: Health Services

#### Jessica Seltzer (973) 908-5931

I am a CHHA and I'm looking to take care of elderly people. I've been working in the health care field since 1999 in hospitals, nursing homes, and people's homes. I am very good and take my job seriously. I enjoy working with people who can no longer take care of themselves. I feel good after a good day at work and feel it is very rewarding.

#### POLISH WOMAN will care

for elderly. Live-in, experienced & refer -

ences. Call Barbara at 973-670-9380.

### HOME: Home Improvements

#### J.B. HOME IMPROVEMENT

Kitchens • Baths • Painting • Siding • Flooring

Roofing & Stucco • Additions • Decks • Windows • More

**NO JOB TOO BIG OR TOO SMALL!**

*Inexpensive, Honest, Loving Care*

**973-704-1915** or

email: [Jbhomimprovement@aol.com](mailto:Jbhomimprovement@aol.com)

13VH02274500

### HOME: Landscape

#### BANTA LANDSCAPING

Brick Pavers • Rock Walls • Top Soil

Lawn Maintenance • Synthetic Putting Greens

Mulching • Plantings

Landscape Design & Construction

FULLY INSURED - ESTIMATES AVAILABLE

**973-316-9575**

#### BEDNAR

#### LANDSCAPE

#### SERVICES

• Complete Property Maintenance

• Landscape Design

• Brick Pavers

• Retaining Walls

• Drainage, Etc.

LIC#13VH03084900

**973-299-1356**

#### DiGUISEPPI

#### LANDSCAPING

SPECIALIZING IN BRICK PAVERS

• Walk/Driveways

• Poolside &

Elevated Patios

• Retaining Walls

• Water Gardens

*Fully Ins.*

**973-627-1779**

Lic# 13VH00393800

### Garden State Lndsc

Lawn Maint/Design, Pavers, Stone Walls,  
Cleanups #13VH04146300 973-227-6464

### HOME: Masonry

#### ANDREW REALMONTE

Repair or new construction All brick,  
block & concrete work. No job too small.

Lic #13VH0577960 973-818-0465

#### Excelsior Masonry & Paving

All Types Stone Masonry & Repairs

Montville NJ. 973-418-5705/ 732-295-0795

### HOME: Paint & Paper

#### AL LEVIN

**PAINTING**

Specializing in: Int./Ext., Brush & Roll, Carpentry &

Deck Restoration, Power Washing & Paper Hanging

**973-625-9379**

Fully Insured Honest & Reliable

Lic #13VH0060500

#### Mark's Painting

INTERIOR • EXTERIOR

PAINTING • STAINING

Powerwashing • Wallpaper & Removal

Deck Staining • Sheet Rocking

Carpentry Work • 10% Senior Citizens Discount

Fully Insured • Lic. # 13VH05538400

**Free Est. 973-627-1224**

#### Denny Wiedman Painting & Decks

3rd Generation • Lic#13VH05142800

Serving Morris County for 25 Years

Interior-Exterior / Powerwashing

FULLY INSURED - FREE ESTIMATES

**973-627-1509**

973-426-0598 CELL 973-229-9819

#### K&B PAINTING

INTERIOR - EXTERIOR

Staining • Decks Powerwashing

Water Damage Restoration

Carpentry • Fully Insured

Lic # 13VH01647600

**973-426-0598 CELL 973-229-9819**

#### MR. NEAT & CLEAN

Painting & Paperhanging.

Free Est. Call Ron 973-839-5309

#### SKI's PAINTING & RENO

int/ext, paintg, pwrwash, deck treatmnts,

staining, alum restore, wind/drs, carpentry,

ceramic tile, shtrk & taping, cust. mouldgs.

Our 25th Year! Free est. 973.663.6120

### HOME: Pet Services

#### ADOPT A PET & be

Loved Forever! Lakeland Animal Haven,

29 Pine St. Kenvil has lovely adult Dogs,

Cats, Kittens available to responsible

homes. Call for appt. 973-584-1415.

#### HOME: Plumbing

#### R.J. Bell Plumbing & Heating

Bathroom Renovations & Tile

Air Conditioning Serv. + Installation

Oil Tank Removal + Installation

**COMPETITIVE RATES**

Fully Insured • Free Estimates

30 years Exp. **973-586-4436** NJ Lic #9348

#### THOMAS BIONDI JR.

Plumbing & Heating

PROMPT, PROFESSIONAL SERVICE

• BOILER SERVICE • DRAIN CLEANING

• RADIANT HEAT • FIXTURE REPAIR

• HOT WATER & • REPLACEMENT

STEAM • WATER HEATERS

**EMERGENCY SERVICE**

NJ Master Lic'd Plumber #7399

**Rockaway/Fairfield**

**973-361-2192**

Home Plumbing • Heating • AC

SERVICE & INSTALLATION

Rockaway/Denville Area NJ Lic # 7800

**973-879-0613**

### HOME: Roofing

#### Ross Roofing/Siding

Lic# 13VH03618000 Free Est. 973-696-5699

### HOME: Tree Services

#### STEVE'S

**TREE SERVICE, INC.**

Complete Tree Service

Fully Ins. - Free Est.

**973-335-0682**

### Markovski Landscaping & Tree Service

All types of Tree Removal & Pruning,  
Property Maint. Brick Pavers, Retaining Walls

Drainage Work, Excavating & Paving

*"LEAF CLEAN-UPS"*

Please call us at **973-627-4161**

### HOME: Windows

#### PROFESSIONAL

#### WINDOW CLEANING

**ROBERT E. EVANS, INC.**

Serving Your Community

For Over 25 Years

Fully Insured • References Avail

*Free Estimates*

**PROMPT & RELIABLE**

**WE RETURN CALLS!!!**

**908-850-3330**

www.pro-window-cleaning.com

### PROF: Business

#### The Padded Wagon®

MOVING & STORAGE

Household, Long Distance, Commercial

Specializing in Fine Art & Antiques

Lic # 00808 **973-335-5055**

#### Rick's A1 MOWER

SERVICE & REPAIRS

Lawnmower & Tractor Service

REPAIRS TO MOST MAKES & MODELS

- SPECIALIZING IN SNAPPER & TORO

Over 35 years exp - Since 1971

FREE PICKUP & DELIVERY

**973-271-0650**

#### Stage 2 Impress

Home Staging, Problem Selling Your

House? Call 973-479-8430

### PROF: Financial





## Picatinny LOAN SALE FAST & EASY Approvals

### Home Equity & Auto Loan Sale

Fixed Home Equity Loan Rates at **4.75%** APR\* 60-Month Term  
**NO FEES!**

New Auto Loan Rates as low as **3.49%** APR\*\* 36-Month Term

Used Auto Loan Rates as low as **3.99%** APR\*\* 36-Month Term

Other Rates and Terms Available

If you live, work, worship or attend school in Morris County you can become a member today.

**Don't Wait - Stop In Today!**

**Arsenal Branch**  
ARDEC Building 30  
Picatinny Arsenal, NJ 07806  
(973) 989-2612

**Rockaway Branch**  
100 Mineral Springs Drive  
Dover, NJ 07801  
(973) 361-5225

**Mt. Olive Branch**  
10 International Drive  
Flanders, NJ 07836  
(973) 691-7150

Exclusive Offer  
For New Members

Get  
**\$150**  
Cash

Just Open A **FREE** Checking Account  
With Direct Deposit! <sup>†</sup>



Your first order of checks is **FREE!** Bring this coupon to the credit union today.

Promo Code: DR0909

\*APR=Annual Percentage Rate. Minimum home equity loan amount is \$15,000. 4.75% APR for 60 months is \$18.76 per \$1,000 borrowed. All rates and terms are subject to change. Available to NJ and PA residents only. Owner occupied, 1-4 family homes only. Property insurance is required. If the loan is paid in full, prior to making 12 monthly payments, you will be required to reimburse PFCU for the costs associated with the appraisal and title search. PFCU will include the reimbursement of these costs in the payoff statement. Refinancing available only on loans originating from another financial institution. Contact the credit union for complete details.

\*\* 3.49% APR for 36 months, \$29.32 per \$1,000 borrowed. 3.99% APR for 36 months \$29.54 per \$1,000 borrowed. The actual rate may change based on creditworthiness and underwriting policies. New Members must open a savings account with a minimum of \$5 to qualify for this promotion.

<sup>†</sup>To qualify for the \$150.00 Cash Reward, you must open a new checking account and initiate a repeating direct deposit of full pay, social security or pension funds. First direct deposit must be initiated within 60 days of account opening. Must open a savings account with a minimum balance of \$5 to qualify for this offer. The \$150 Cash Reward will be deposited into the savings account upon receipt of initial direct deposit payment. Account must remain open for 6 months. Subject to approval. All terms and offers subject to change at any time. Exclusive offer for new Picatinny members only.

